843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to Request for Quotation Transaction Set (843) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Header Sale Condition	O	25		
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/Conditions	O	5		
Not Used	285	CPR	Commodity Price Reference	O	2		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			10000	
Not Used	310	N1	Name	O	1		
Not Used	320	N2	Additional Name Information	O	2		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	330	N3	Address Information	O	2		
Not Used	340	N4	Geographic Location	O	1		
Not Used	350	REF	Reference Numbers	O	12		
Not Used	360	PER	Administrative Communications Contact	O	>1		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	25		
Not Used	430	MSG	Message Text	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
Not Used	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	080	PKG	Marking, Packaging, Loading	O	25		
Not Used	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Numbers	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	140	IT8	Conditions of Sale	O	25		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
Not Used	180	FOB	F.O.B. Related Instructions	O	>1		
Not Used	190	SDQ	Destination Quantity	O	50		
Not Used	200	DTM	Date/Time Reference	O	10		
Not Used	230	FST	Forecast Schedule	O	5		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	289	MSG	Message Text	O	>1		
Not Used	290	CTB	Restrictions/Conditions	O	5		
Not Used	291	SPI	Specification Identifier	O	>1		
			LOOP ID - SCH			104	
Not Used	292	SCH	Line Item Schedule	O	1		n2

Not Used	293	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	294	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	296	TD3	Carrier Details (Equipment)	O	12		
Not Used	298	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
			LOOP ID - CST			100	
Not Used	300	CST	Cost Analysis	O	1		
Not Used	310	PID	Product/Item Description	O	1		
Not Used	320	CUR	Currency	O	1		
Not Used	330	DTM	Date/Time Reference	O	2		
			LOOP ID - SLN			1000	
Not Used	340	SLN	Subline Item Detail	O	1		
Not Used	350	PID	Product/Item Description	O	1000		
			LOOP ID - CST			100	
Not Used	360	CST	Cost Analysis	O	1		
Not Used	370	PID	Product/Item Description	O	1		
Not Used	380	CUR	Currency	O	1		
Not Used	390	DTM	Date/Time Reference	O	2		
			LOOP ID - PD			>1	
Not Used	392	PD	Pricing Data	O	1		
Not Used	393	PDD	Pricing Data Detail	O	>1		
			LOOP ID - LDT			>1	
	394	LDT	Lead Time	O	1		
Not Used	395	QTY	Quantity	O	>1		
Not Used	396	MSG	Message Text	O	1		
			LOOP ID - LM			>1	
Not Used	397	LM	Code Source Information	O	1		
Not Used	398	LQ	Industry Code	M	>1		
			LOOP ID - N9			1000	
Not Used	400	N9	Reference Number	O	1		
Not Used	410	MSG	Message Text	O	1000		
			LOOP ID - N1			>1	
Not Used	420	N1	Name	O	1		
Not Used	430	N2	Additional Name Information	O	2		
Not Used	440	N3	Address Information	O	2		
Not Used	450	N4	Geographic Location	O	1		
Not Used	460	REF	Reference Numbers	O	12		
Not Used	470	PER	Administrative Communications Contact	O	3		
Not Used	480	FOB	F.O.B. Related Instructions	O	1		
Not Used	485	SCH	Line Item Schedule	O	200		
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	510	TD3	Carrier Details (Equipment)	O	12		
Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	530	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - LDT			>1	
Not Used	550	LDT	Lead Time	O	1		
Not Used	560	MAN	Marks and Numbers	O	10		
Not Used	570	QTY	Quantity	O	5		

Not Used   580   MSG   Message Text   O   1   ‖‖

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

	Segment:	**ST** **Transaction Set Header**
	Position:	010
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
M	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

				Segment:	**BQR** Beginning Segment for Response to Request for Quotation

Segment: **BQR**   Beginning Segment for Response to Request for Quotation
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes: **1**   If either BQR04 or BQR05 is present, then the other is required.
Semantic Notes: **1**   BQR03 is the date to be used for reference purposes in an RFQ and a reponse to RFQ.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	BQR01	353	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			00 Original		
M	BQR02	586	**Request for Quote Reference Number**	**M**	**AN 1/45**
			Number assigned by the purchaser to identify his request for quote		
M	BQR03	373	**Date**	**M**	**DT 6/6**
			Date (YYMMDD)		
X	BQR04	374	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	BQR05	373	**Date**	**X**	**DT 6/6**
			Date (YYMMDD)		
	BQR06	379	**Bid Type Response Code**	**O**	**ID 2/2**
			Code indicating the type of response to the request for bid or quote		
			AB Alternate Bid		
			BI Bid Without Exception		
			UQ Unable to Quote		
X	BQR07	786	**Security Level Code**	**O**	**ID 2/2**
			Code indicating the level of confidentiality assigned by the sender to the information following		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

	Segment:	**REF** Reference Numbers
	Position:	050
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify identifying numbers.
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Number Qualifier**	M ID 2/2
			Code qualifying the Reference Number.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	REF02	127	**Reference Number**	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
X	REF03	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	**N9** Reference Number			

Position: 290
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1   At least one of N902 or N903 is required.
                  2   If N906 is present, then N905 is required.
Semantic Notes: 1   N906 reflects the time zone which the time reflects.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Number Qualifier**	M	ID 2/2
			Code qualifying the Reference Number.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	N902	127	**Reference Number**	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
X	N904	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
X	N905	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
X	N906	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.		

	Segment:	**MSG** Message Text
	Position:	300
	Loop:	N9 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	1000
	Purpose:	To provide a free form format that would allow the transmission of text information.
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M **MSG01**	**933**	**Free-Form Message Text - Maximum of 55 characters per MSG** Free-form message text	**M** **AN 1/55**
X **MSG02**	**934**	**Printer Carriage Control Code** A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	**O** **ID 2/2**

	Segment:	**PO1** Baseline Item Data

Segment: **PO1** Baseline Item Data
Position: 010
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:
Comments:
1 See the Data Dictionary for a complete list of ID's.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	PO101	350	**Assigned Identification**	O	**AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set		
	PO102	330	**Quantity Ordered**	X	**R 1/9**
			Quantity ordered		
	PO103	355	**Unit or Basis for Measurement Code**	O	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
	PO104	212	**Unit Price**	X	**R 1/17**
			Price per unit of product, service, commodity, etc.		
	PO105	639	**Basis of Unit Price Code**	O	**ID 2/2**
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	PO106	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			MG Manufacturer's Part Number		
	PO107	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
X	PO108	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	PO109	234	**Product/Service ID**	X	**AN 1/40**
			Identifying number for a product or service		
X	PO110	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO111	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO112	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO113	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO114	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO115	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO116	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO117	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO118	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO119	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO120	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO121	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO122	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO123	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

X	PO124	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
Refer to 003050 Data Element Dictionary for acceptable code values.

X	PO125	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Segment:	**PO3** Additional Item Detail				

Segment: **PO3** Additional Item Detail
Position: 030
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure
Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
            2   PO307 defines the unit of measure for PO306.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PO301	371	**Change Reason Code**	M	ID 2/2
			Code specifying the reason for price or quantity change		
			AQ Alternate Quantity and Unit of Measure		
			UM Unit of Measure Difference		
X	PO302	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
X	PO303	236	**Price Identifier Code**	X	ID 3/3
			Code identifying pricing specification		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	PO304	212	**Unit Price**	O	R 1/17
			Price per unit of product, service, commodity, etc.		
X	PO305	639	**Basis of Unit Price Code**	X	ID 2/2
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
M	PO306	380	**Quantity**	M	R 1/15
			Numeric value of quantity		
M	PO307	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	PO308	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

	Segment:	**MEA** Measurements		
	Position:	049		
	Loop:	PO1 Optional		
	Level:	Detail		
	Usage:	Optional		
	Max Use:	40		
	Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)		

Syntax Notes:
1. At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2. If MEA05 is present, then MEA04 is required.
3. If MEA06 is present, then MEA04 is required.
4. If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5. Only one of MEA08 or MEA03 may be present.

Semantic Notes:
1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:
1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	MEA01	737	**Measurement Reference ID Code**	O	ID 2/2
			Code identifying the broad category to which a measurement applies		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	MEA02	738	**Measurement Qualifier**	O	ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	MEA03	739	**Measurement Value**	X	R 1/20
			The value of the measurement		
X	MEA04	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
X	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

| X | C00109 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| X | C00110 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | C00111 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| X | C00112 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| X | C00113 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | C00114 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| X | C00115 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| | MEA05 | 740 | **Range Minimum** | X | R 1/20 |

The value specifying the minimum of the measurement range

| | MEA06 | 741 | **Range Maximum** | X | R 1/20 |

The value specifying the maximum of the measurement range

| X | MEA07 | 935 | **Measurement Significance Code** | O | ID 2/2 |

Code used to benchmark, qualify or further define a measurement value

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA08 | 936 | **Measurement Attribute Code** | X | ID 2/2 |

Code used to express an attribute response when a numeric measurement value cannot be determined
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA09 | 752 | **Surface/Layer/Position Code** | O | ID 2/2 |

Code indicating the product surface, layer or position that is being described

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA10 | 1373 | **Measurement Method or Device** | O | ID 2/4 |

The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	270
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
X	TD401	152	**Special Handling Code**	X	**ID 2/3**
			Code specifying special transportation handling instructions		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD402	208	**Hazardous Material Code Qualifier**	X	**ID 1/1**
			Code which qualifies the Hazardous Material Class Code (209)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	TD403	209	**Hazardous Material Class Code**	X	**AN 2/4**
			Code specifying the kind of hazard for a material		
	TD404	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

    A

    B

    C

    D

    E

    F

    G

    H

    Z

Segment:		**LDT** Lead Time			

Segment: **LDT** Lead Time
Position: 394
Loop: LDT   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: **1**   LDT04 is the effective date of lead time information.
Comments: **1**   LDT02 is the quantity of unit of time periods.

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Data Element Summary

</div>

	Ref. Des.	Data Element	Name		Attributes	
M	LDT01	345	**Lead Time Code**		M	ID 2/2
			Code indicating the time range			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
M	LDT02	380	**Quantity**		M	R 1/15
			Numeric value of quantity			
M	LDT03	344	**Unit of Time Period or Interval**		M	ID 2/2
			Code indicating the time period or interval			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	LDT04	373	**Date**		O	DT 6/6
			Date (YYMMDD)			

Segment:		# CTT Transaction Totals		
Position:		010		
Loop:				
Level:		Summary		
Usage:		Mandatory		
Max Use:		1		
Purpose:		To transmit a hash total for a specific element in the transaction set		
Syntax Notes:		**1** If either CTT03 or CTT04 is present, then the other is required.		
		2 If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:				
Comments:		**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
X	CTT03	81	**Weight**	X	R 1/10
			Numeric value of weight		
X	CTT04	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CTT05	183	**Volume**	X	R 1/8
			Value of volumetric measure		
X	CTT06	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CTT07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	**AMT** Monetary Amount				
Position:	015				
Loop:					
Level:	Summary				
Usage:	Optional				
Max Use:	1				
Purpose:	To indicate the total monetary amount				
Syntax Notes:					
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
M	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		
X	AMT03	478	**Credit/Debit Flag Code**	O	ID 1/1
			Code indicating whether amount is a credit or debit		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

			Segment:	**SE** Transaction Set Trailer

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	